UP™ mod

The Unified Platform for Modeling

EFFORTLESSLY MANAGE AND DEPLOY YOUR MODELS THROUGH AN INTERACTIVE WEB APP

THE PROBLEM

Modeling software is not built to be easily distributed

Current modeling software is built for manipulating data, performing data analysis, and building algorithms, but very few solutions exist to deploy a finished product. After all the difficult modeling work is done, there is not an easy or straightforward way to deliver the model to the intended audience. In order to get a model from the data science development environment into a production environment, a huge investment of time and resources is required. Even after a model has been converted, problems such as scalability and distribution can be difficult to overcome.

THE SOLUTION

Introducing UPmod: The Unified Platform for Modeling

RTI International can help you with these challenges. The **UPmod™** solution is a fully customized platform that efficiently manages the conception, revision, and publication of analytical models. Data scientists can quickly publish Excel, R, MATLAB, and Python models into an interactive web interface without rewriting code or converting the underlying model. The UPmod software can take a static data model and translate it into a customizable web application with a rich data visualization library.
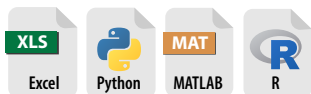
Easily deploy your models to the web with UPmod

APPLICATIONS

- Health Care Modeling
- Biotech/Pharma Modeling
- Public Health Modeling
- Economic Modeling
- Environmental Modeling

ADVANTAGES

- Drag-and-drop importing for Excel, R, MATLAB, and Python
- One-click link sharing for published models
- User-role assignments within teams to manage/edit/view models
- Customizable client interface
- Easily scalable
- A fraction of the cost of existing solutions

HOW UPMOD CAN HELP

RTI's UPmod solution provides an intuitive interface for data scientists to import, edit, and deploy their entire library of models. UPmod was built by RTI experts to facilitate rapid development and deployment of data models to clients. Built using a cloud-based architecture, the UPmod system eases the management of modeling versions and clears the way for a collaborative approach to model building.

Import Your Model in Minutes

Drag-and-drop model ingestion means most models can be deployed with no coding knowledge.

Quick and Economical Deployment

Distribute your models faster than ever without the need for a web development team.

Create a Link and Share with Anyone

All models in your UPmod library can be shared as an interactive web page. With a single click, your model can be shared with anyone.

Connect Your Model with Data Sources

Use UPmod to securely connect your models to online private or public data sources.
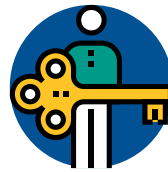
THE UPMOD PLATFORM

COMPATIBLE

- Works with models built on Excel, R, Python, and Matlab
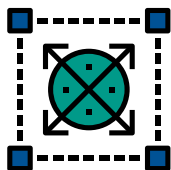- Manage your entire library of models on one platform
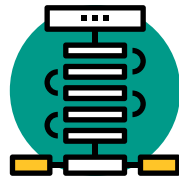
INTEGRATED

- Connect your models to third-party sources of data such as US Census, FHIR, and FDA
- Keep your model up-to-date without starting from scratch

SECURE

- Role-based access controls for privacy and security
- Customizable views for different stakeholders and user types
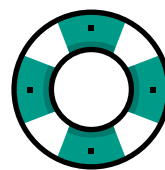
SCALABLE

- Expandable to different clients, teams, and locations
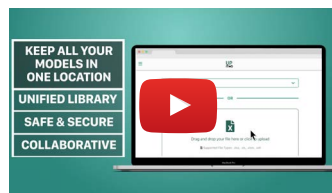- Changes and updates are available immediately online

AFFORDABLE

- Avoid developer costs typically required to deploy models to the web
- Comparable hosting fees with competing or bespoke solutions

LOW-RISK

- Raw model files remain available and intact outside of the UPmod ecosystem
- You can stop using the platform and deploy models with a third-party tool

Want to learn more about UPmod?
Watch a brief explainer video here!

KEEP ALL YOUR MODELS IN ONE LOCATION

UNIFIED LIBRARY

SAFE & SECURE

COLLABORATIVE